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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/806,936	03/23/2004	Gregory Andrew Hyland	GCSD-1576 (51398)	2856
74701 7590 04/27/2009 ALLEN, DYER, DOPPELT, MILBRATH & GILCHRIST 255 S ORANGE AVENUE SUITE 1401 ORLANDO, FL 32801				
EXAMINER YOUSSEF, SHAHROUZ				
ART UNIT 2432		PAPER NUMBER		
NOTIFICATION DATE 04/27/2009		DELIVERY MODE ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

creganoa@addmg.com

Office Action Summary

Application No.

10/806,936

Applicant(s)

HYLAND, GREGORY ANDREW

Examiner

SHAHROUZ YOUSEFI

Art Unit

2432

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 January 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 4-12, 14-21, 24-28 and 31-38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 4-12, 14-21, 24-28 and 31-38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. This action is responsive to communications: application, filed 03/23/2004; amendment filed 01/20/2009.
2. Claims 1, 4-12, 14-21, 24-28 and 31-38 are pending in application. Claims 1, 12, 21 and 28 are amended and claims 2, 3, 13, 22, 23, 29 and 30 are canceled.
3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Response to Arguments

4. Applicant's arguments filed 01/20/2009 have been fully considered but they are not persuasive.
5. Applicants contend that the selective combination of Dumont and Janky fail to disclose that the second connector is carried by the second extension, as recited in independent claim 1, 12, 21, and 28 and Janky is silent as to how its GPS unit and its cellular telephone unit are physically connected together and Janky shows no connectors of either the GPS unit or the cellular telephone unit. The Examiner respectfully disagrees. Janky doesn't explicitly show the physical connectors. However, Janky discloses "the removable add-on module is removably coupled to the core module", col. 2, lines 14-15 and "removably attaching an add-on module 32 containing a cellular telephone 86 to a GPS device", col. 5, lines 38-39. Also, fig. 4A and 4B discloses how the GPS device and cellular telephone are connected together.

Therefore, the combination of Dumont and Janky disclose a communication device and a cryptographic device are connected together and the connection is in overlapping relation, see fig. 4A and 4B of Janky.

Claim Objections

6. Claims 4, 24 and 31 are objected to as being in improper form because those depend on canceled claims (claims 2, 22, 29). For the purpose of the examination, claims 4, 24 and 31 will be treated as depending on claims 1, 21 and 28 respectively.

Claim Rejections - 35 USC § 103

7. Claims 1, 4-6, 8, 9, 11, 12, 14, 15, 17, 18, 20, 21, 24-28, 31-33, 35, 36 and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dumont (EP 0891 112) in view of Janky (US 5,786,789).

8. With respect to claim 1, Dumont discloses a cryptographic module (securing auxiliary module 21, page 4, line 18) and a communications module (portable telephone 1, page 4, line 17) removably coupled thereto (see fig. 2, item 2 and 22); said cryptographic module comprising a first housing (see fig. 2, item 22) and a first connector carried thereby (Auxiliary function module 21 is moreover provided with male connector 25, page 6, line 7); said first housing comprising a first body and a first extension extending outwardly therefrom (see fig. 2); said communications module comprising a second housing (fig. 2, item 2) and a second connector carried thereby

(female service connector 14 of portable telephone 1, see page 6, line 8) and being removably mateable with said first connector of said cryptographic module (an auxiliary functional module for a portable telephone with standard casing and service connector, arranged for being mounted on the casing and for being connected to the service connector of the portable telephone, page 3, lines 14-16), Dumont doesn't disclose first and second extensions are aligned in overlapping relation. However, Janky discloses said second housing comprising a second body and a second extension extending outwardly therefrom (fig. 4A); said first and second extensions being aligned in overlapping relation when said first and second connectors are mated together (fig. 4A and 4B); said first connector carried by said first body adjacent said first extension and said second connector carried by said second extension (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

9. With respect to claim 4, Janky discloses each of said first and second extensions have surface features on opposing surfaces thereof to slidably engage and guide said cryptographic and communications modules together in mating relation (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

10. With respect to claim 5, Dumont discloses said surface features define at least one slidable interlocking joint there between (page. 6, lines 21-23).
11. With respect to claim 6, Dumont discloses at least one fastener for removably fastening said cryptographic and communications modules together (page. 6, lines 21-23 and see fig. 2 and fig. 3).
12. With respect to claim 8, Dumont discloses said communications module comprises a predetermined one from among a plurality of interchangeable communications modules each for communicating over a different communications media (the user can add, as he chooses, an additional function to his standard portable telephone, simply by mounting this auxiliary module on the standard casing of the telephone. Advantageously, some means arranged for being connected in parallel on a radio interface circuit of the portable telephone are provided, page. 3, lines 17-20).
13. With respect to claim 9, Dumont discloses said communications module further comprises a network communications interface carried by said second housing and coupled to said second connector (a telephone/user interface, signal processing unit 5 and telephone monitoring unit 6, page 4, lines 21-22).
14. With respect to claim 11, Janky discloses at least one seal between said cryptographic module and said communications module (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

15. With respect to claim 12, Dumont discloses a cryptographic module (securing auxiliary module 21, page 4, line 18), a communications module (portable telephone 1, page 4, line 17) removably coupled to said cryptographic module (see fig. 2, item 2 and 22), and at least one fastener for removably fastening said cryptographic and communications modules together (page. 6, lines 21-23 and see fig. 2 and fig. 3); said cryptographic module comprising a first housing (see fig. 2, item 22) and a first connector carried thereby (Auxiliary function module 21 is moreover provided with male connector 25, page 6, line 7), said second connector being removably mateable with said first connector of said cryptographic module (an auxiliary functional module for a portable telephone with standard casing and service connector, arranged for being mounted on the casing and for being connected to the service connector of the portable telephone, page 3, lines 14-16). Dumont doesn't disclose first and second extensions are aligned in overlapping relation. However, Janky discloses said first housing comprising a first body and a first extension extending outwardly therefrom; said communications module comprising a second housing and a second connector carried thereby, said second housing comprising a second body and a second extension extending outwardly therefrom; and said first and second extensions being aligned in overlapping relation when said first and second connectors are mated together; said first connector carried by said first body adjacent said first extension and said second connector carried by said second extension (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings

taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

16. With respect to claim 14, Janky discloses each of said first and second extensions have surface features on opposing surfaces thereof to slidably engage and guide said cryptographic and communications modules together in mating relation (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

17. With respect to claim 15, Dumont discloses said surface features define at least one slidable interlocking joint there between (page. 6, lines 21-23).

18. With respect to claim 17, Dumont discloses said communications module comprises a predetermined one from among a plurality of interchangeable communications modules each for communicating over a different communications media (the user can add, as he chooses, an additional function to his standard portable telephone, simply by mounting this auxiliary module on the standard casing of the telephone. Advantageously, some means arranged for being connected in parallel on a radio interface circuit of the portable telephone are provided, page. 3, lines 17-20).

19. With respect to claim 18, Dumont discloses said communications module further comprises a network communications interface carried by said second housing and coupled to said second connector (a telephone/user interface, signal processing unit 5 and telephone monitoring unit 6, page 4, lines 21-22).

20. With respect to claim 20, Janky discloses at least one seal between said cryptographic module and said communications module (see figures 3 A, 3B, 4A, 7B and 8). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

21. Claims 21 and 24-27 differ from claims 1, 4-6 and 11 only in that claims 1, 4-6 and 11 are a device claim whereas, claims 21 and 24-27 are method claim. Thus, claims 21 and 24-27 are analyzed as previously discussed with respect to claims 1, 4-6 and 11 above.

22. Claims 28, 31-33, 36 and 38 differ from claims 1, 4-6, 9 and 11 only in that claims 1 and 4-11 are a device claim whereas, claims 28, and 31-38 are system claim. Thus, claims 28 and 31-38 are analyzed as previously discussed with respect to claims 1 and 4-11 above.

23. With respect to claim 35, Janky discloses a user network interface (a display 26, col. 6, line 37) carried by said first housing; and a cryptographic processor carried by said first housing and coupled to said user network interface and said first connector (see fig. 4A and 4B). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify Dumont with Janky to enable a user to interact with the system.

24. Claims 7, 10, 34 and 37 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dumont (EP 0891 112) in view of Chou (US 2002/0111189).

25. With respect to claims 7 and 34, Dumont and Janky don't explicitly disclose a captive screw. However, Chou discloses said at least one fastener comprises at least one captive screw (see fig. 4). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

26. With respect to claims 10 and 37, Chou discloses said first and second connectors each comprise multi-pin electrical connectors (fig. 1). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify Dumont and Janky with Chou to have different constructional changes in the device.

27. Claims 16 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dumont (EP 0891 112) in view of Janky (US 5,786,789) and further in view of Chou (US 2002/0111189).

28. With respect to claim 16, Dumont and Janky don't explicitly disclose a captive screw. However, Chou discloses said at least one fastener comprises at least one captive screw (see fig. 4). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify the housings disclosed in

Dumont with the overlapping housings taught in Janky in order to have couple the two housings as an integrated device, see col. 4, lines 29-33.

29. With respect to claim 19, Chou discloses said first and second connectors each comprise multi-pin electrical connectors (fig. 1). It would have been obvious at the time the invention was made to a person having ordinary skill in the art to modify Dumont and Janky with Chou to have different constructional changes in the device.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SHAHROUZ YOUSEFI whose telephone number is (571) 270-3558. The examiner can normally be reached on Monday-Friday 9:00-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. Y./
Examiner, Art Unit 2432

/Gilberto Barron Jr./
Supervisory Patent Examiner, Art Unit 2432